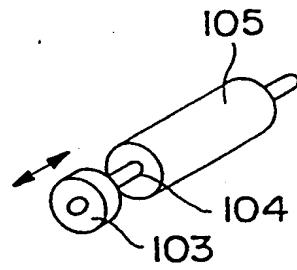
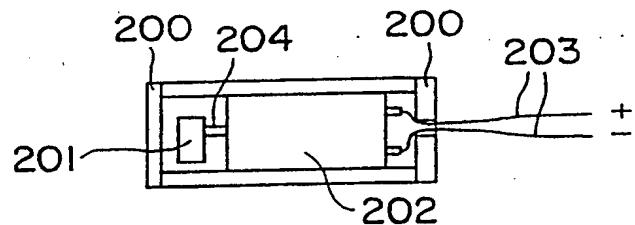


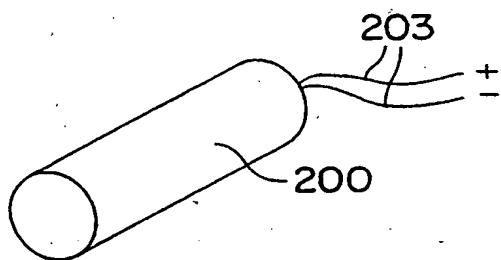
**FIG. 1A**



**FIG. 1B**



**FIG. 2A**



**FIG. 2B**

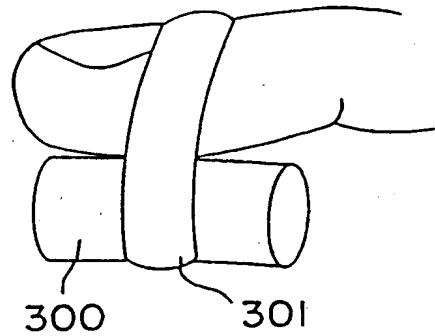


FIG. 3

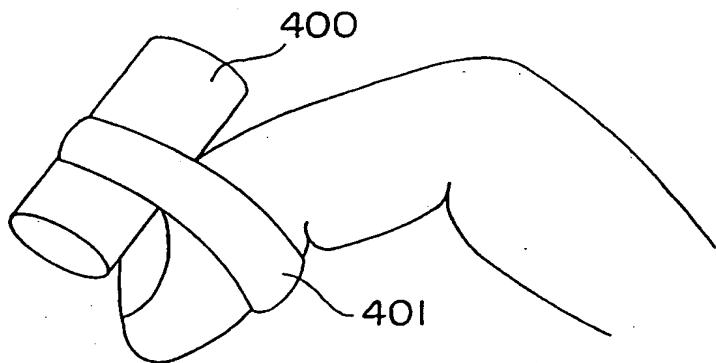


FIG. 4

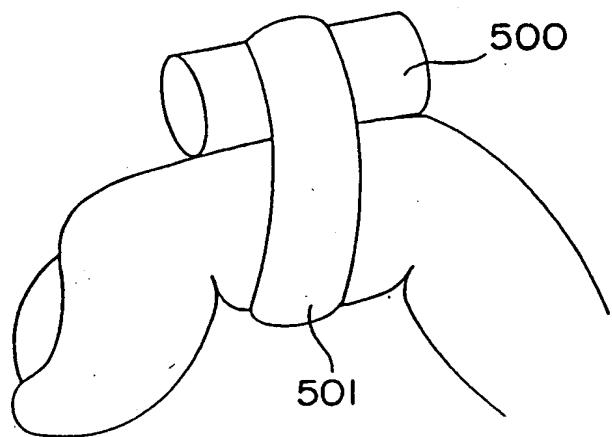


FIG. 5

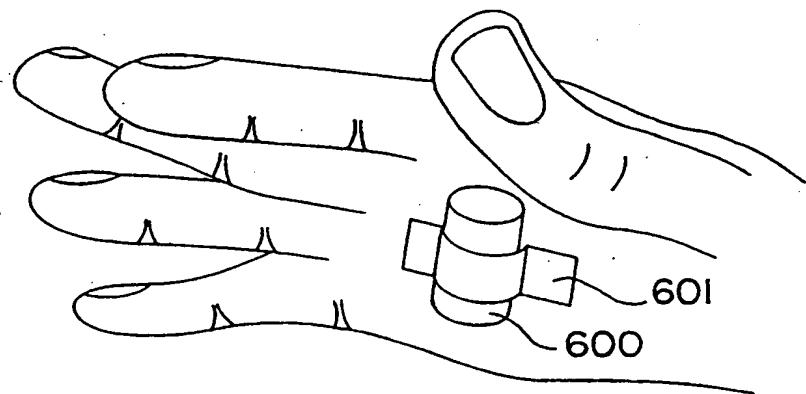


FIG. 6

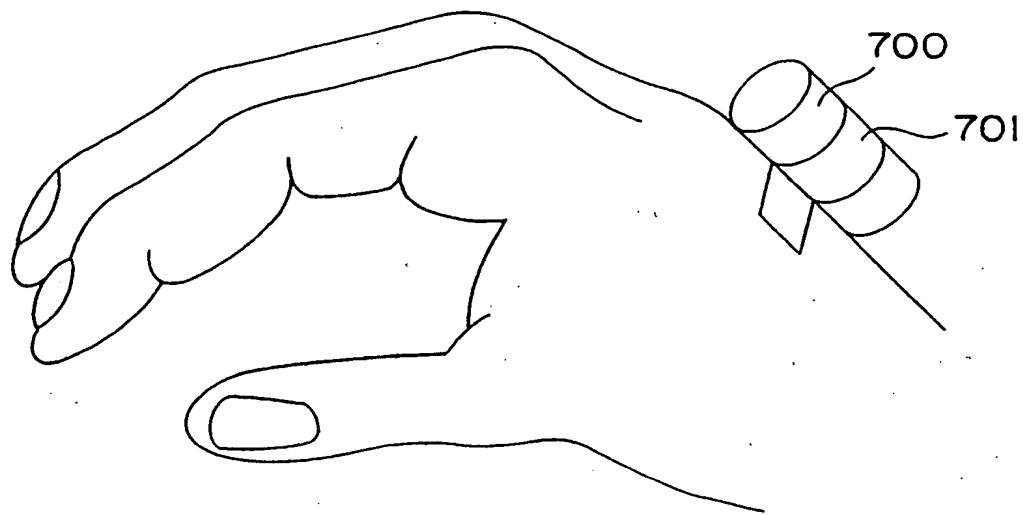


FIG. 7

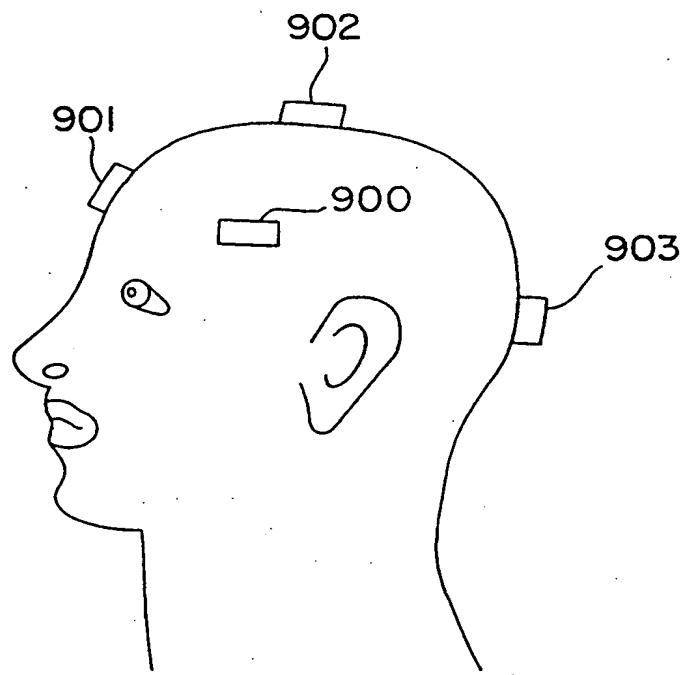


FIG. 9

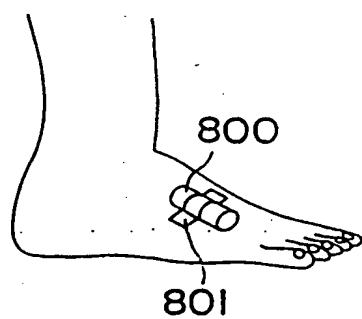
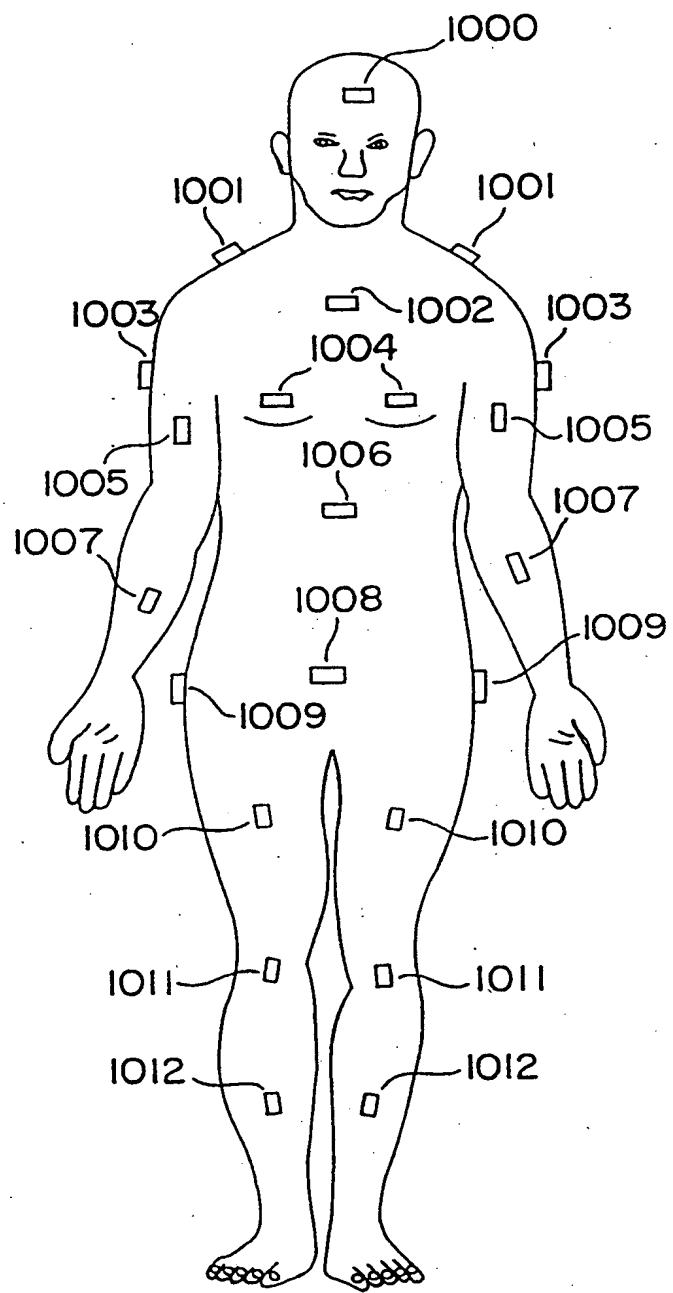
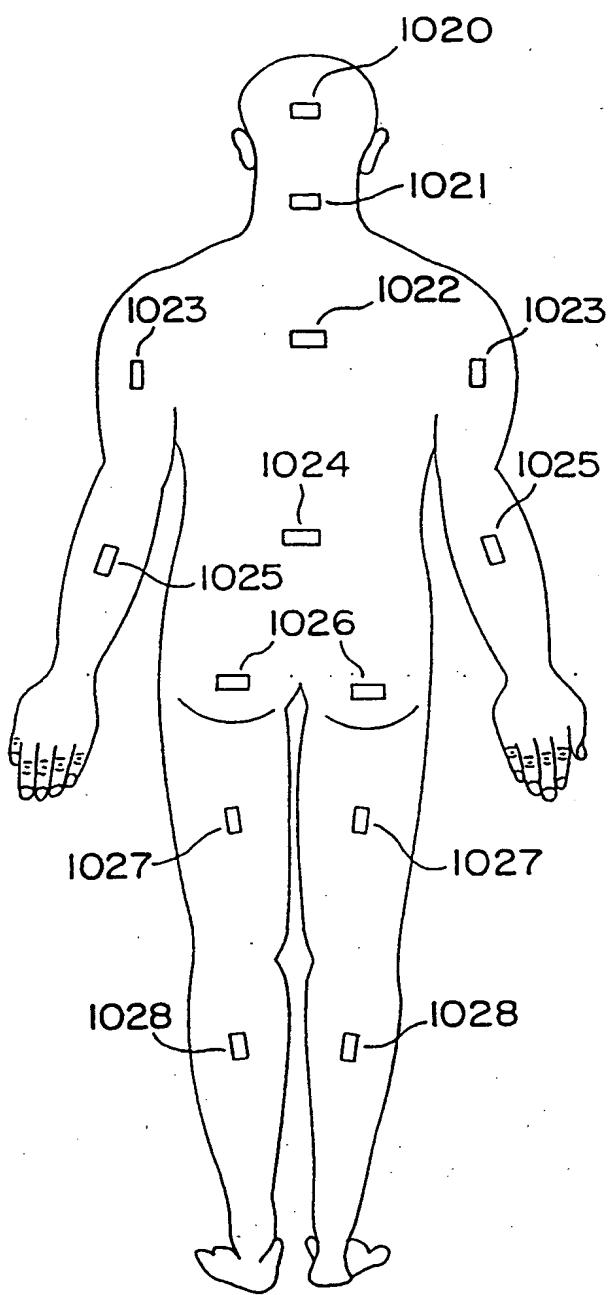


FIG. 8



**FIG. 10A**



**FIG. 10B**

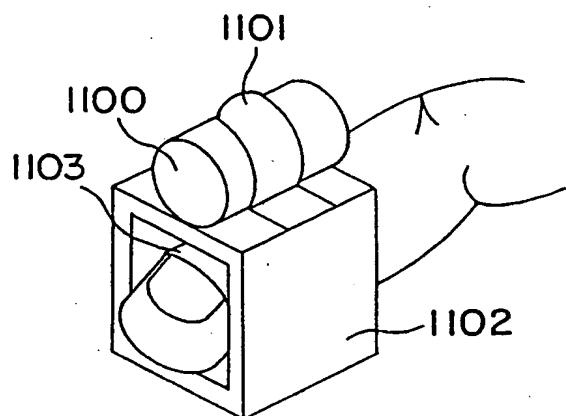


FIG. II A

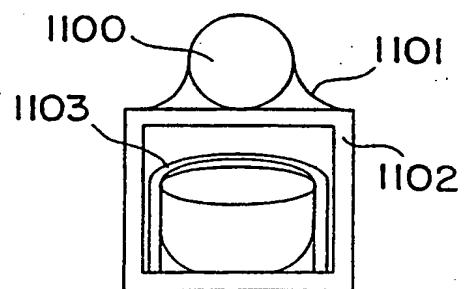


FIG. II B

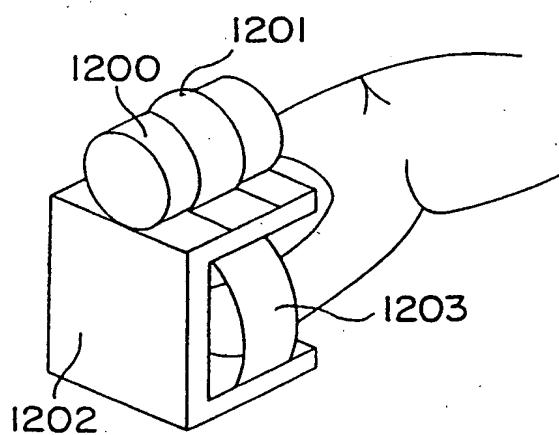


FIG. I2 A

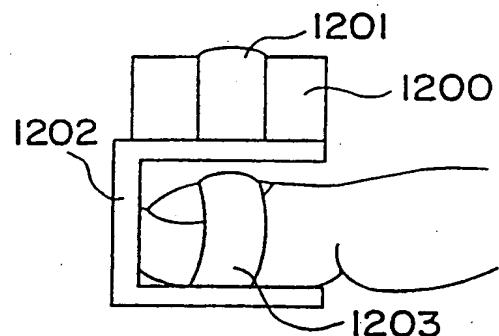
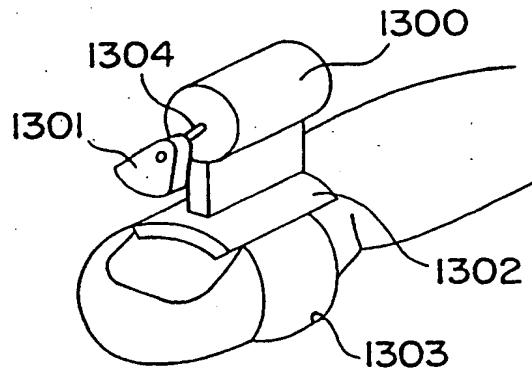
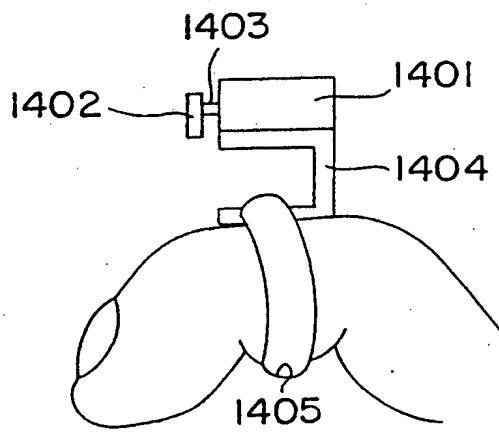


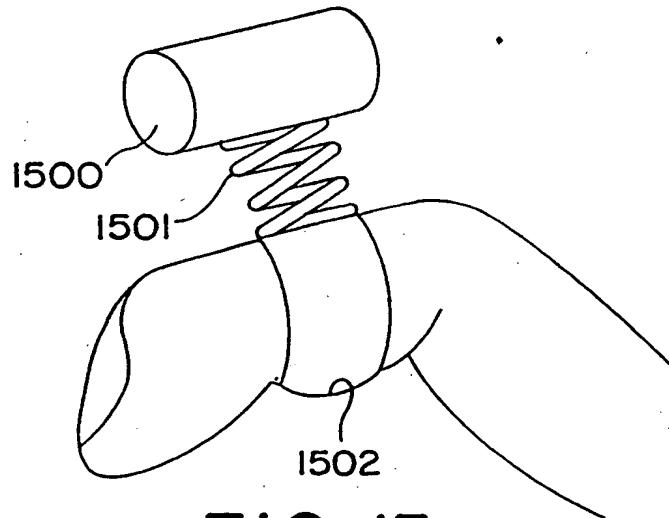
FIG. I2 B



**FIG. 13**



**FIG. 14**



**FIG. 15**

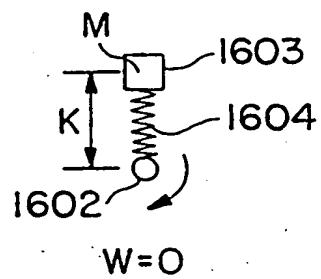


FIG. 16A

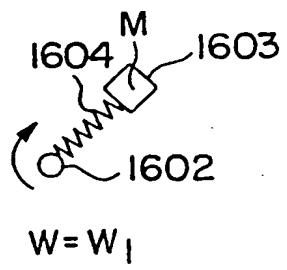


FIG. 16B

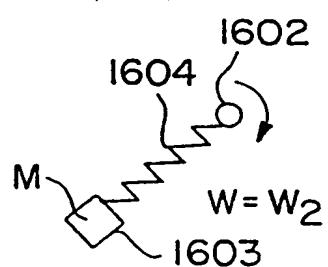


FIG. 16C

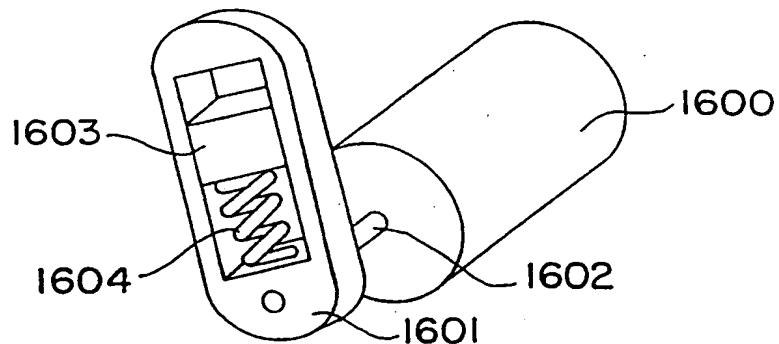
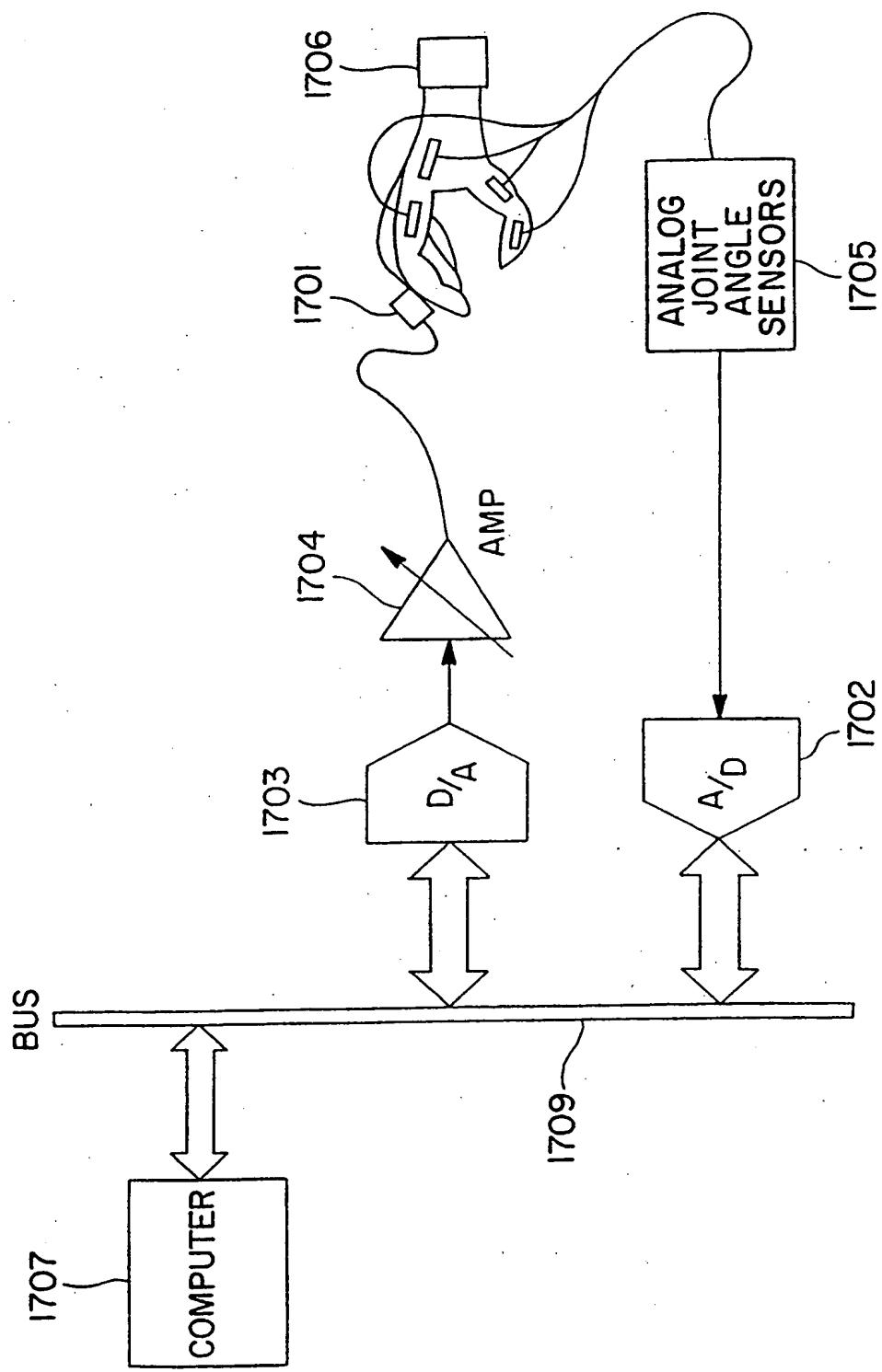


FIG. 16D

**FIG. 17**



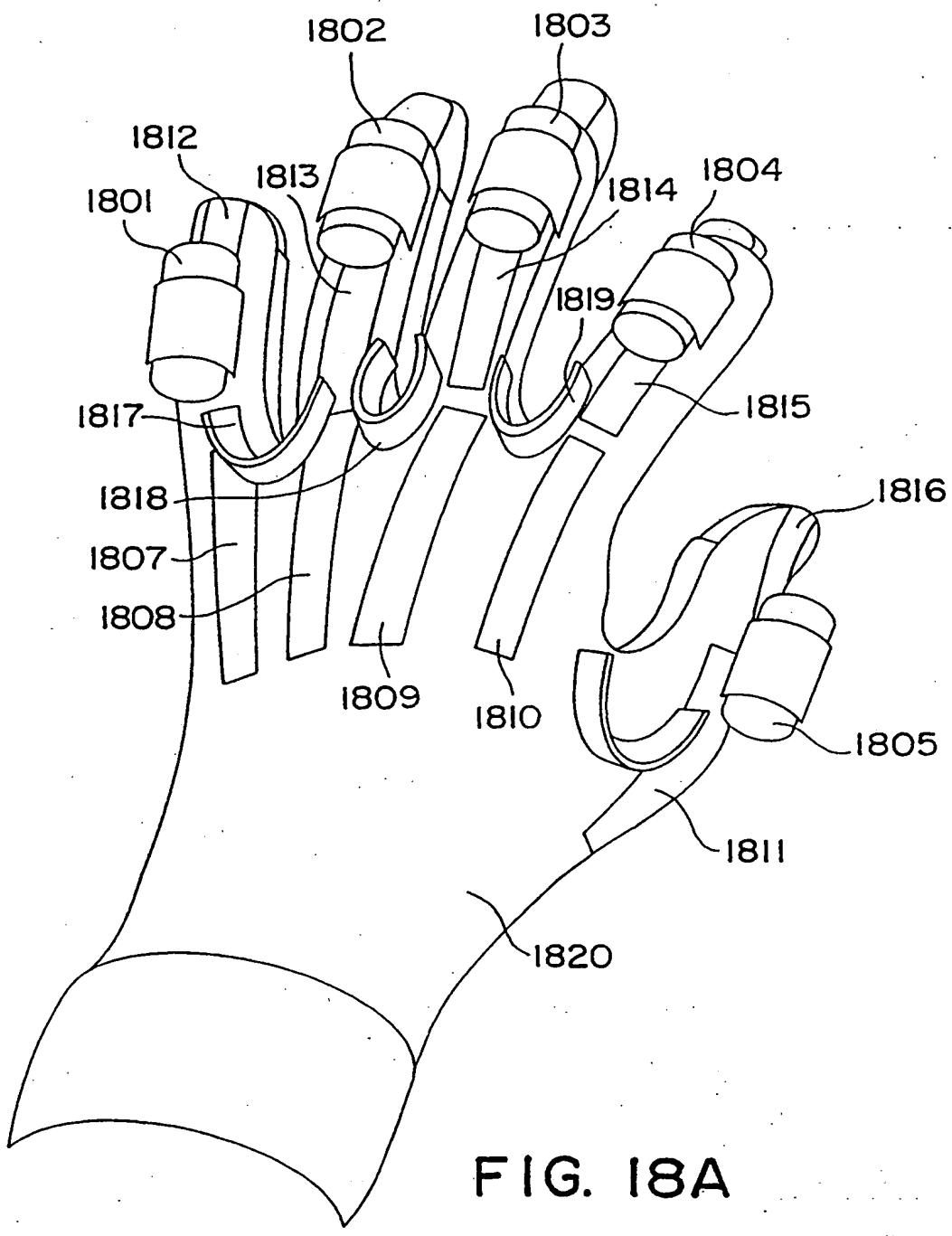


FIG. 18A

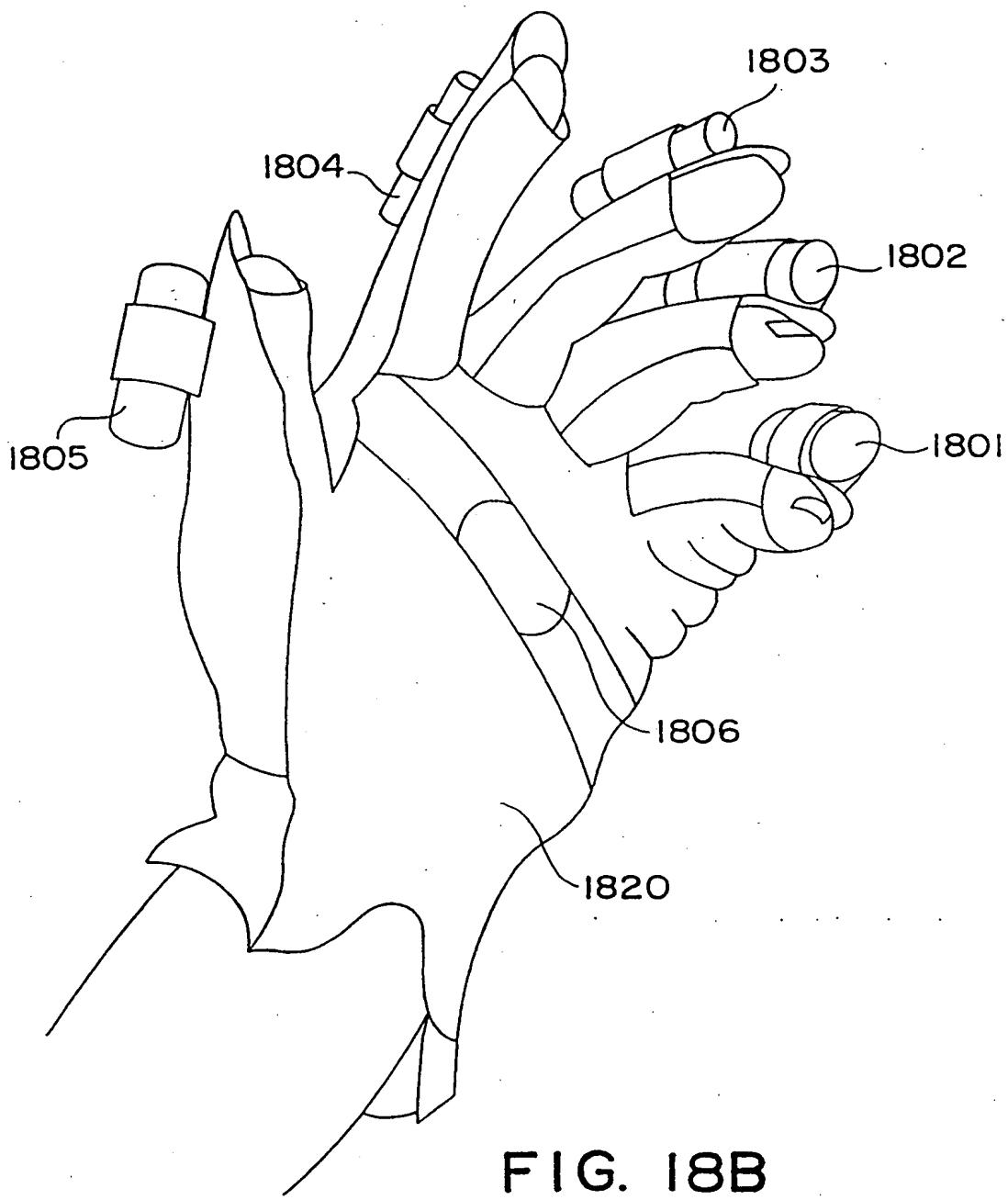


FIG. 18B

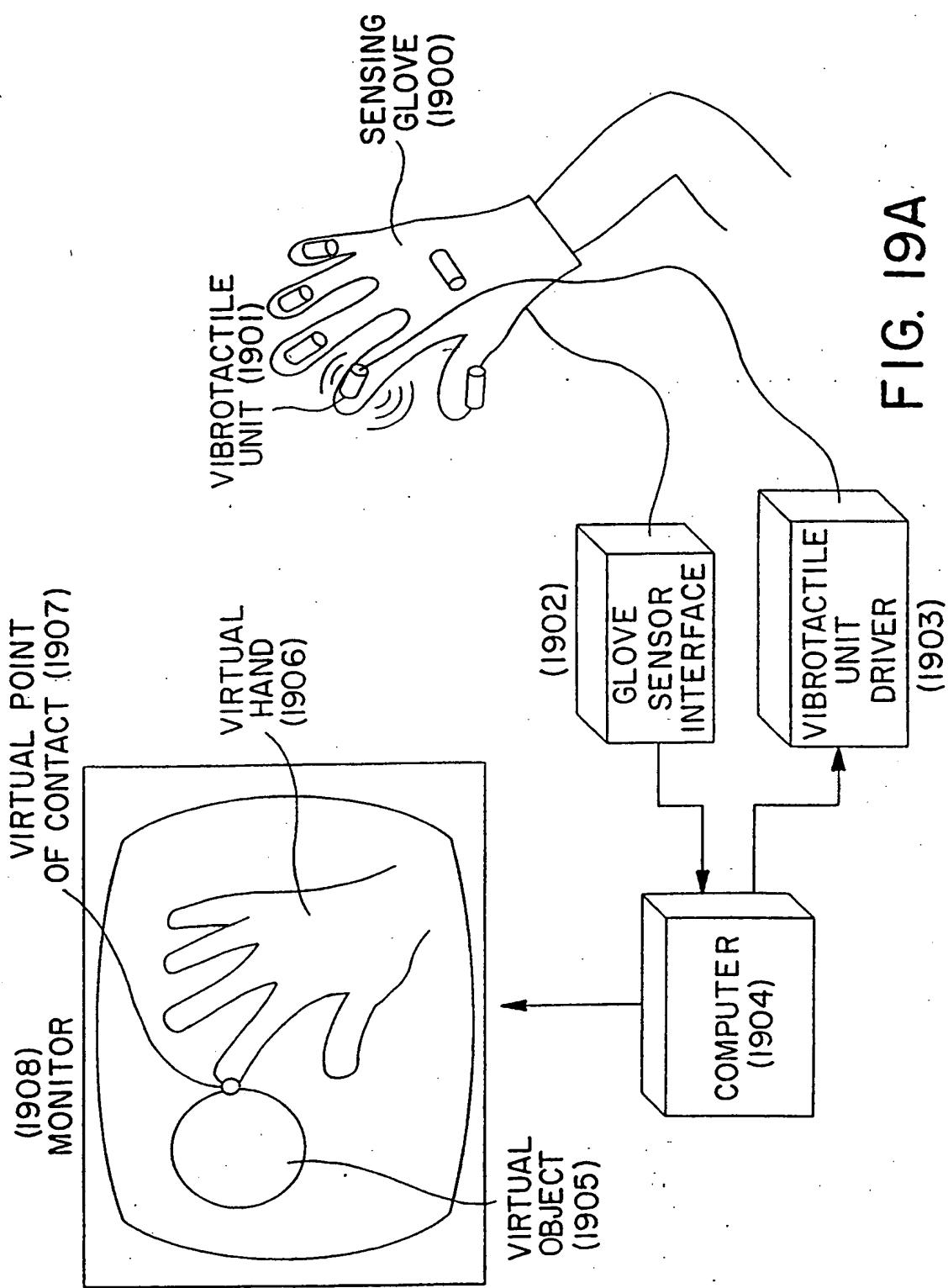
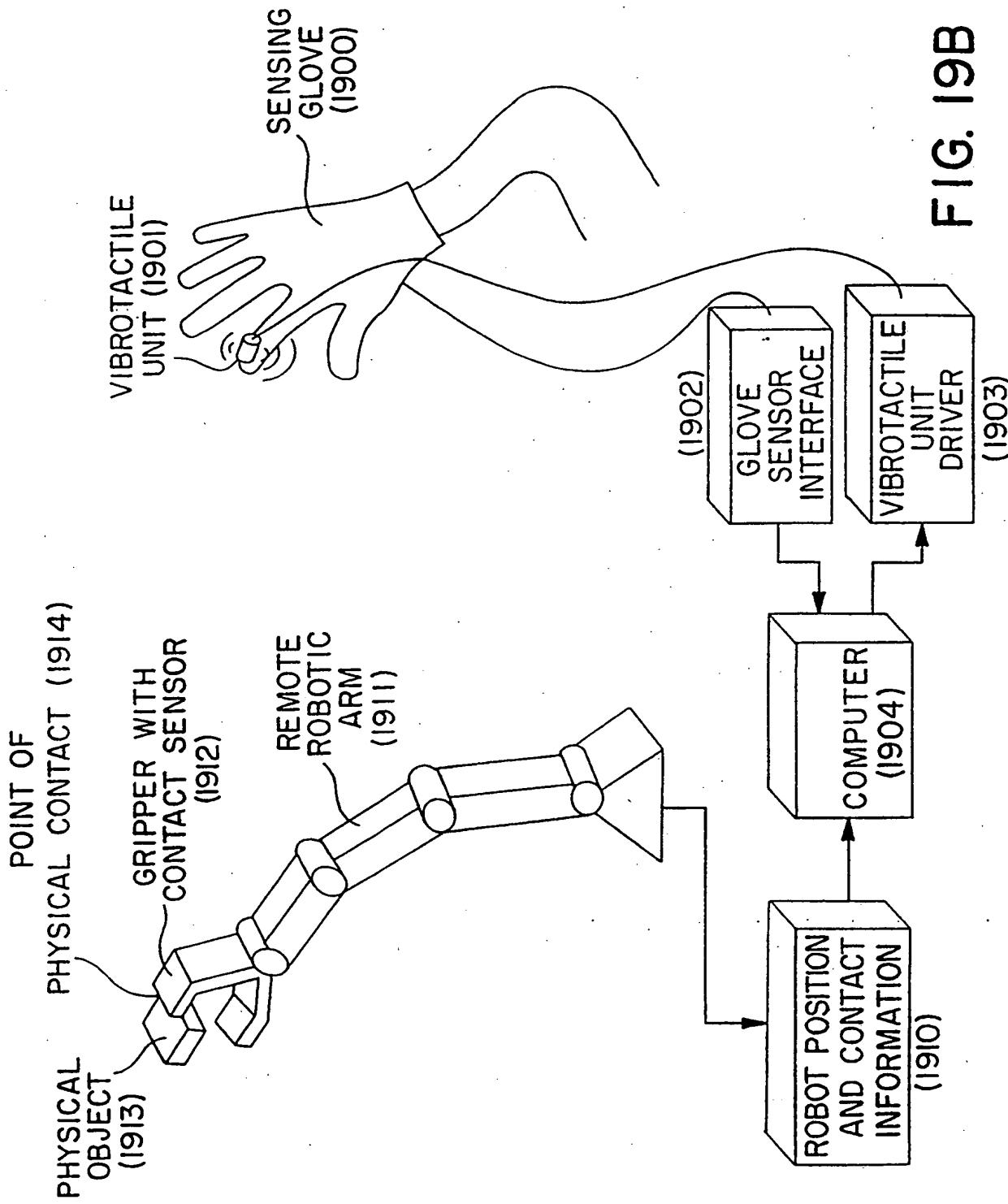
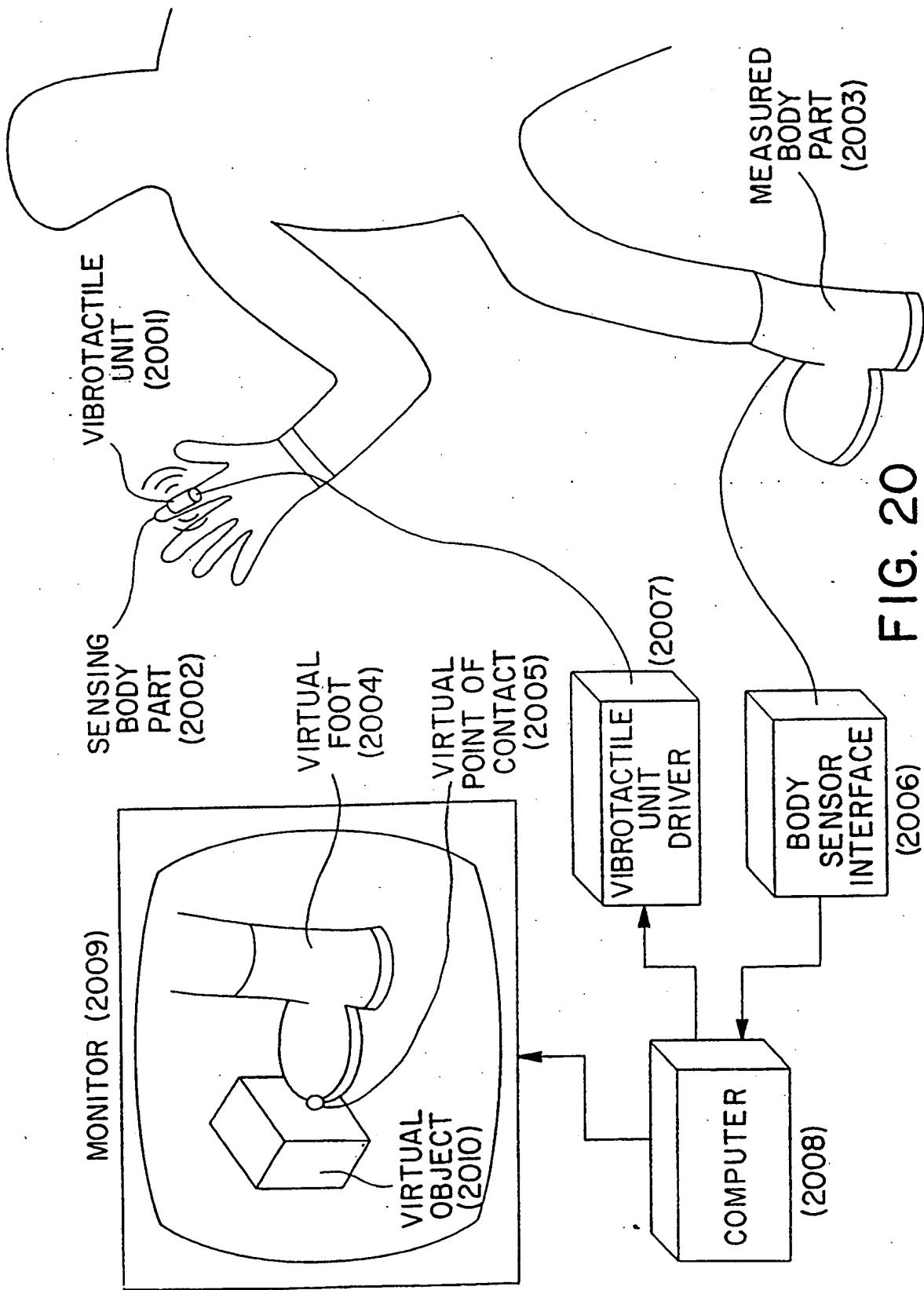


FIG. 19A

(1903)

**FIG. 19B**





**FIG. 20**

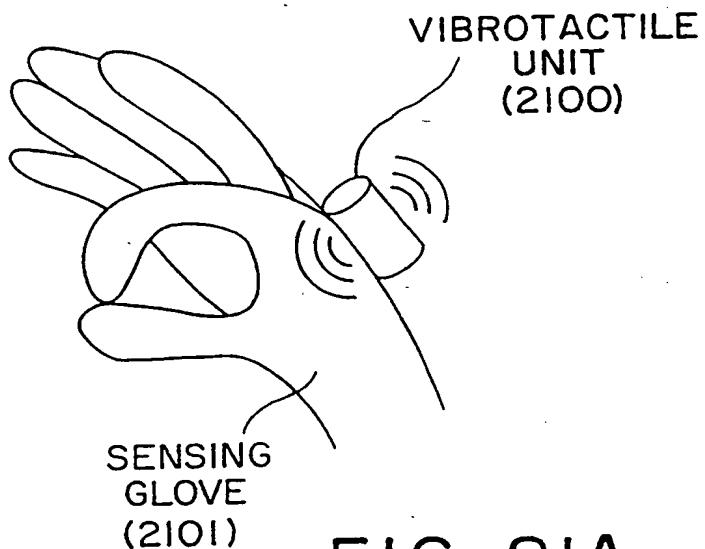


FIG. 21A

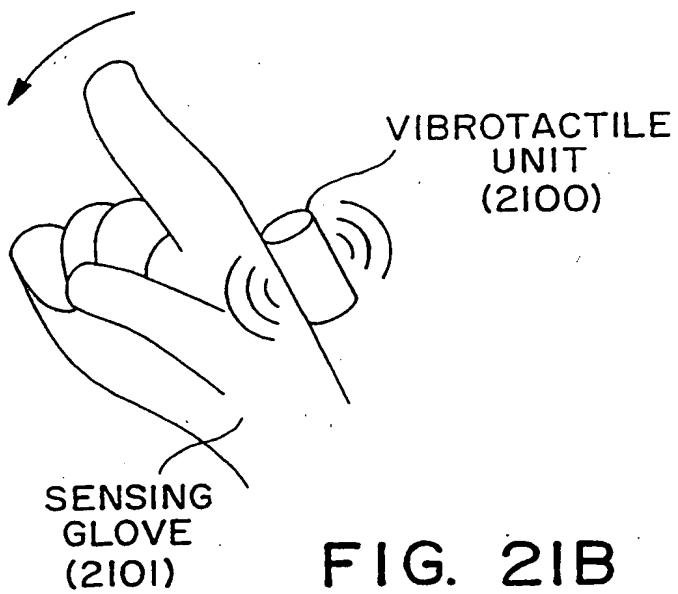


FIG. 21B

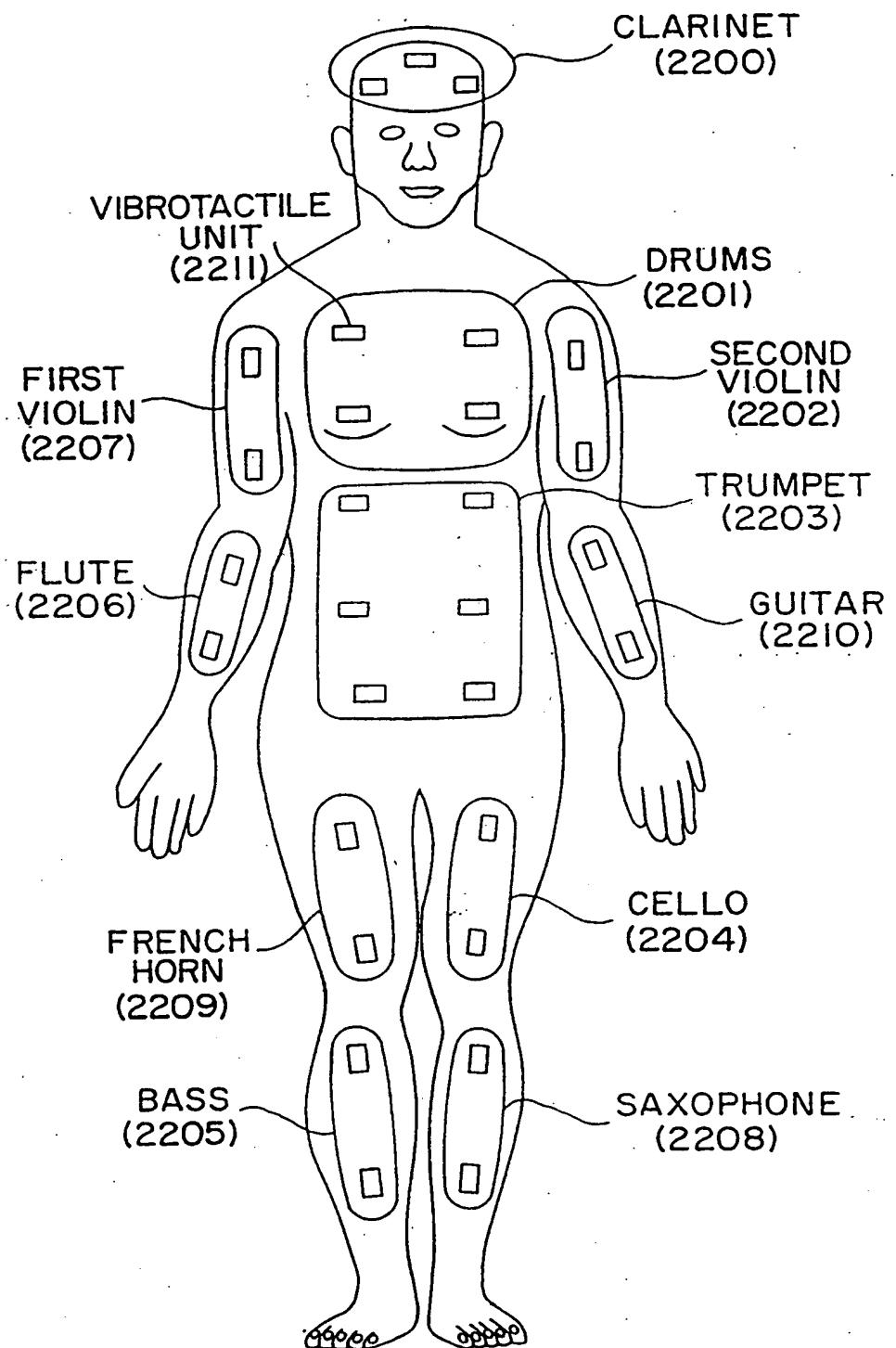


FIG. 22

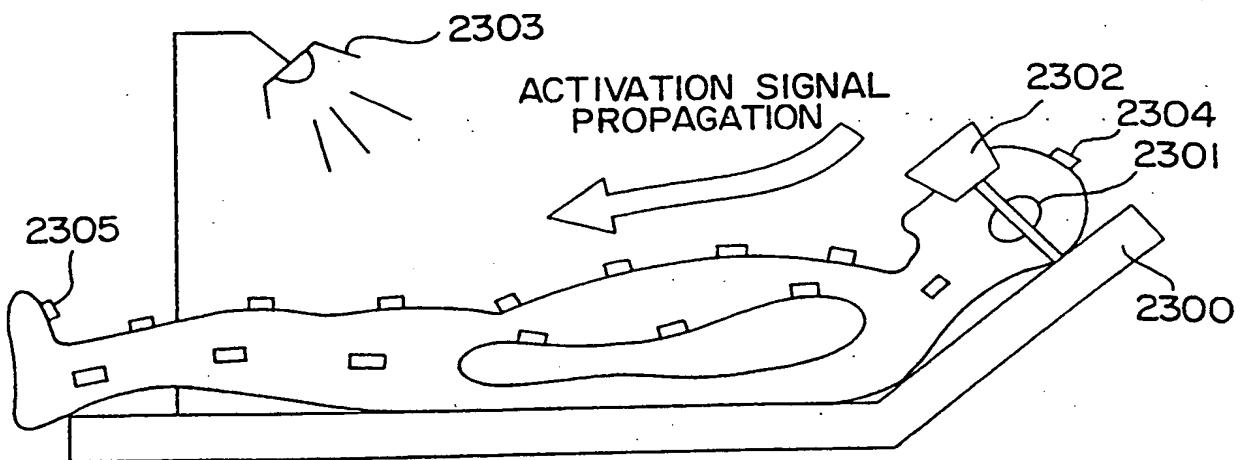


FIG. 23

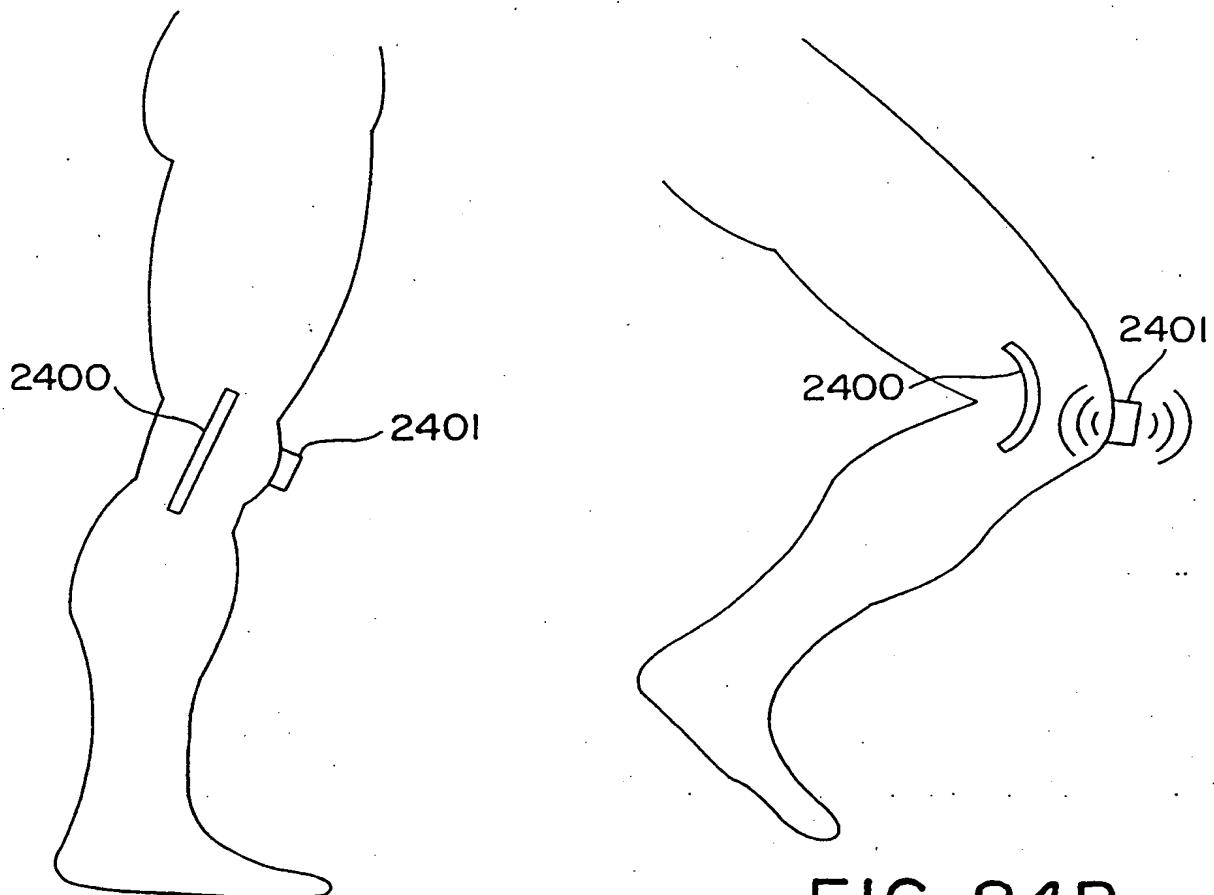


FIG. 24B

FIG. 24A

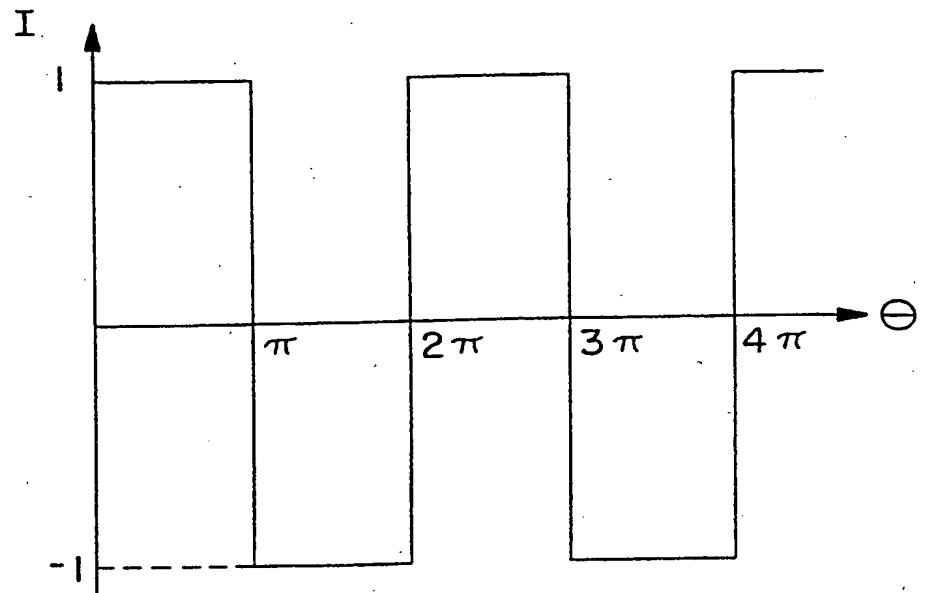


FIG. 25A

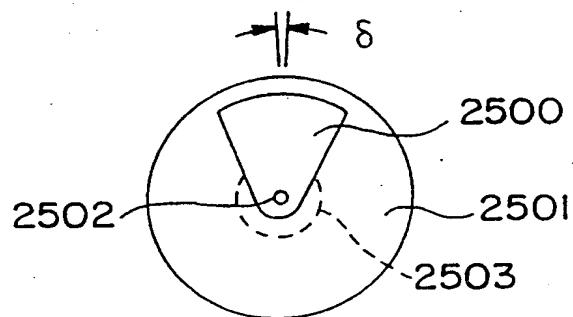


FIG. 25B

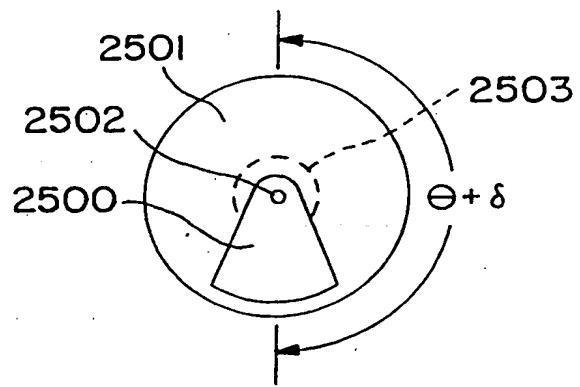


FIG. 25C

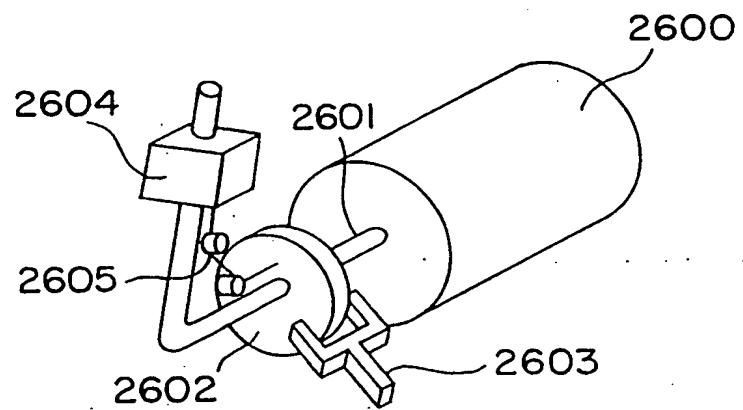


FIG. 26A

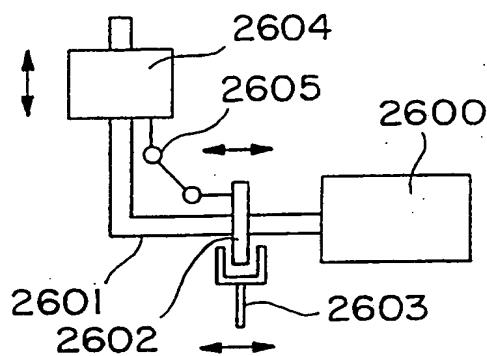


FIG. 26B

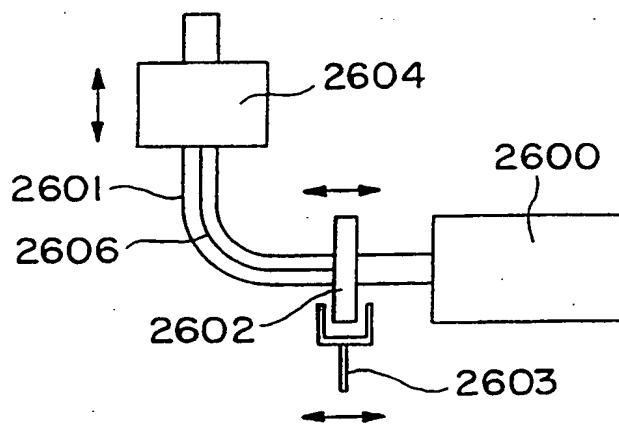


FIG. 26C

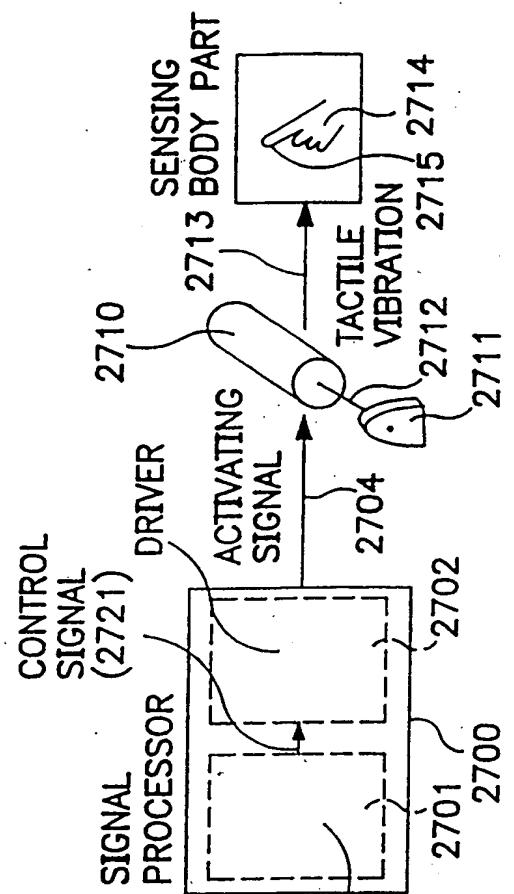
VIRTUAL SIMULATIONS

MONITOR  
VIRTUAL MEASURED BODY PART (2707)

2708  
2709

COMPUTER  
SIMULATION

2705  
2706



PHYSICAL SIMULATION

STATE SENSOR  
PHYSICAL STATE SIGNAL

PHYSICAL MEASURED BODY PART

2720  
2718  
2719  
2716

FIG. 27

2723